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1 [Packet mode and QoS algorithms for buffered crossbar switches with FIFO queuing](#)

Alex Kesselman, Kirill Kogan, Michael Segal

 August 2008 **PODC '08**: Proceedings of the twenty-seventh ACM symposium on Principles of distributed computing

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The buffered crossbar switch architecture has recently gained considerable research attention. In such a switch, besides normal input and output queues, a small buffer is associated with each crosspoint. Due to the introduction of crossbar buffers, output ...

Keywords: buffer management, competitive analysis, switch

2 [Improved bounds on the throughput efficiency of greedy maximal scheduling in wireless networks](#)

Mathieu Leone, Jian Ni, Ravadurgam Srikanth

 May 2009 **MobiHoc '09**: Proceedings of the tenth ACM international symposium on Mobile ad hoc networking and computing

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Due to its low complexity, Greedy Maximal Scheduling (GMS), also known as Longest Queue First (LQF), has been studied extensively for wireless networks. However, GMS can result in degraded throughput performance in general wireless networks. In this ...

Keywords: greedy maximal scheduling, longest queue first, throughput optimality, wireless networks

3 [Stability and performance analysis of networks supporting elastic services](#)

Gustavo de Veciana, Takis Konstantopoulos, Tae-Jin Lee

 February 2001 **IEEE/ACM Transactions on Networking (TON)**, Volume 9 Issue 1

Publisher: IEEE Press